



**Southern Regional Office (SRO)
400 W. Congress, Suite 433, Tucson, AZ 85701**

**DRAFT Minutes of the
Broadway-Pantano Water Quality Assurance Revolving Fund (WQARF) Site
Community Advisory Board (CAB) Meeting - 28th meeting**

February 25, 2004, 6:30 - 8:30 p.m.
Eastside City Hall, 7575 E. Speedway
Tucson, Arizona

E-5460.14.6.1.2

CAB Members Present: Judy Burns, Patricia Gehlen, Janet Marcus, Aubrey McMullen, Jean Sabo, Walter Schaffer, Cheri Bludau, James Garrett, Ries Lindley, Jackie Olson, Wanda Ryckman, Ward Wallingford

CAB Members Absent: Dolores Fife, Digger Jones

ADEQ Staff Present: Gretchen Wagenseller, Project Manager; Mike Fulton, Superfund Programs Unit Supervisor, SRO; Eileen Palese, Community Involvement Coordinator

Members of the Public Present: Larry Cox, Tom Kimmel, Bob Greene, Ray Murray, Michael Smith

The meeting began at 6:35 p.m.

1. Call to Order/Introductions

Co-chair Judy Burns conducted introductions of CAB members and public participants.

2. Approval of Minutes for 10/29/03

Janet Marcus motioned to approve the minutes from the October 29, 2003, CAB meeting; Walter Schaffer seconded the motion. All were in favor; none opposed.

3. WQARF Advisory Board Meeting Update

Janet Marcus announced that her term on the WQARF Advisory Board had expired, and that the Governor recently appointed someone from the Miracle Mile CAB to represent Tucson. She said that the last WQARF Board Meeting was held in October. Eileen Palese said they do plan to meet on Friday, February 27. She announced that Manuel Ramirez was appointed from the Miracle Mile CAB. She provided a list of the newly appointed members. Judy Burns said to leave reports on the WQARF Advisory Board meetings off the agenda for future CAB meetings.

4. Call to the Public

No one wished to comment.

5. Site Investigation Update/Q&A

Ray Murray, Project Manager for the City of Tucson Environmental Services, provided an update on the operation of the Western Groundwater Containment System (WGCS). He explained that the system was designed to contain a plume of groundwater contamination. He said the water is cleaned through carbon filters. He pointed out the location of the system on the map. He said that in 2003, the system removed 12 pounds of PCE, and this required pumping almost 276 million gallons of water. He described maintenance operations and cleanup of both injection wells; pumps were installed to backwash the wells which will be beneficial for future maintenance. He said since the system was down for a short time, they now have to reapply for a permit to be able to release treated water in the wash at the injection site. Until the permit is approved, the system will operate at only 700 gallons per minute. He said overall, the system is operating very well and he has had several requests for tours of the facility. He said to call him (791-5414) or Eileen Palese (628-6712) to arrange a tour.

CAB members asked questions about the plume configuration. Ray Murray said that they are going to get all of the consultants together to discuss the site. He said that when a pictorial map is created, a line has to be drawn somewhere, but there are not enough wells installed to have the needed monitoring points. He said they can see some effects from the system already and after the permits to discharge the water are received, the system will be run up as high as possible to capture more contamination in the northwest area. He said that he is confident that they are getting capture but he can't guarantee that all the contamination will be captured.

CAB members asked questions about the extraction wells and frequency of sampling. Gretchen Wagenseller said that sampling did take place in December 2003. She displayed the plume configuration based on this recent sampling. She said due to budget constraints, it was decided to sample at the most contaminated depth based on current data. She said they generally find contamination at 50 foot levels, however, each sampling results in different data. She described contamination levels for several of the monitor wells. She said that the WGCS is working with the natural groundwater flow directions (north, slightly northwest) which should help capture most of the contamination over time.

CAB members asked questions about data results and if all of the contamination is coming from the Broadway North Landfill. Gretchen Wagenseller said that, at this time, that is the assumption, however, the consultants want to see the March sampling results before making an assessment. She said they may need more monitoring wells to be able to answer this question.

CAB members asked questions about the effect of CAPSARP water on the groundwater levels. Ries Lindley said groundwater pumping is down now that all of the recharge basins have been built.

Gretchen Wagenseller said that the owners of the Broadway North Landfill are still planning to develop some parts of the landfill, but nothing has been decided, to her knowledge.

6. Broadway South Landfill Update

Mike Fulton, ADEQ Superfund Programs Unit Supervisor, addressed recent activities at the Broadway South Landfill, which is located along the Pantano River near Prudence and 22nd Street. He said that the city requested an update by ADEQ. He provided an overview of the history of landfills in the area and explained the process of how a contaminated site is put on the state Registry and becomes a WQARF site, making it eligible for cleanup funds.

He said Broadway South Landfill is similar to other landfill sites around Tucson. He said the Broadway South Landfill site has been referred to ADEQ's Preliminary Investigation group for screening. There are a number of steps in the process because once a site is put on the Registry, it is

difficult to get off. He said that the next step is a Pending Preliminary Investigation, and that is where the site is at this date. ADEQ will look at the quality of the data collected and the site is then scored. If the site is going to be recommended to be put on the Registry, it would then go through management review and a public comment period might be held to ask if anyone wants to step forward to claim responsibility for the contamination. Usually this does not happen, so the process would then move to a Site Registry Report, and it would be placed on the Registry, becoming a WQARF site. He said that one thing that moves a site to the Registry is risk, which takes into consideration the future uses for the land and the need for the groundwater. The other factor is resources, and if the state has the funds to accomplish a cleanup action.

He said that before several monitoring wells were installed in and around the Broadway-Pantano WQARF site, there was some concern that contamination from the Broadway North Landfill might contaminate City of Tucson wells to the south of the plume. He said ADEQ conducted a Focused Investigation, working with the city. Wells were installed and sampling conducted. The new wells also provided needed groundwater flow direction data. He said it was determined that groundwater flows generally northwest from the Broadway South Landfill site. The results of sampling showed that the area south of Broadway is not of great concern; the main area of contamination is northwest, and it should eventually end up in the WGCS.

He said that the Broadway South Landfill could be listed as its own site, or it could be made part of the Broadway-Pantano WQARF site if ADEQ decided to redefine the site boundary. The question is whether to cleanup the site before waiting for the contamination to move all the way to the WGCS; the system may take care of all of this, but it will take a long time for the water to be pulled to it. The Final Remedy will have to consider areas on the south.

Jean Sabo asked if developers who previously received money to clean up the Broadway South Landfill could eventually be held responsible because they did not do it. Mike Fulton said this situation would more likely fall under City of Tucson permitting regulations.

CAB members asked questions about development of the Broadway North Landfill. Mike Fulton said that the owners do not have to get a permit from ADEQ. The state can ask for assurances that what is built will not cause the spread of contamination. He said it was public interest that compelled Home Depot to perform environmental work on the edge of the landfill.

CAB members asked about how the plume map is drawn based on available data points. Gretchen Wagenseller said that sampling is performed at different levels. Based on current information, she said that the two landfills are not now connected, but the contamination could connect at some point in the future. She explained what the colors represent on the maps, based on concentration levels.

Mike Fulton said that the Remedial Investigation (RI) will answer the question of what the condition of the site is at this time. He said everything points to the landfill as the source of contamination; it does not take much to contaminate water. He said only a gallon and a half of PCE can cause groundwater to reach levels where it is considered contaminated. He said that is why soil vapor extractions systems are often used to quickly clean up the contaminated groundwater.

Judy Burns asked that the CAB be notified when the public comment period would be on the Broadway South Landfill. Mike Fulton said the CAB would be the main vehicle for getting the word out about the comment period.

7. Nomination of CAB Co-Chairs

Wanda Ryckman announced that she would like to step down as co-chair. James Garrett said he would be interested in serving, but he has difficulty attending all the meetings. Judy Burns said she

was willing to step down if someone else wished to take over the role. The CAB discussed the nominations. Walter Schaffer motioned to elect Judy Burns and James Garrett as co-chairs for the next term. Wanda Ryckman seconded the motion. The CAB voted all in favor; none opposed.

8. CAB Outreach Reports

CAB members reported that neighborhood associations have not held meetings recently but some are scheduled in the near future.

Gretchen Wagenseller said that once the draft RI is published, a public comment period and meetings will occur in which the CAB will take part. She explained the steps that will occur after the RI. She said that she hopes the draft RI will be released later this summer.

9. Other Administrative Business

Eileen Palese said that the Information Repository at the Wilmot Public Library has not been updated because budget constraints have changed the cataloging policy. There has been a change in management, so ADEQ will again request assistance with the repository. She said if people want to review files at 400 W. Congress, Suite 433, they can call ADEQ at 628-6733 to set up an appointment.

10. Next Meeting Date/Agenda Discussion

The next meeting of the Broadway-Pantano CAB will now be held from 6:30 p.m. to 8:00 p.m. on May 5, 2004, at Eastside City Hall, 7575 E. Speedway, Tucson, AZ. Call Eileen Palese, ADEQ Community Involvement Coordinator, SRO, at (520) 628-6712, for meeting information and proposed agenda.

The CAB requested a presentation on the future uses of the wells in the area of the site by Tucson Water at the next meeting.

11. Adjournment

The meeting adjourned at 8:10 p.m.

This meeting was recorded on cassette tapes as a record of the proceedings. To listen to the tapes or for additional documents mentioned in these minutes, contact ADEQ's Southern Regional Office, Community Involvement Office, 520/628-6712.